

# GREENSCAPES® GS-232

## MOISTURE RETENTION MAT

### DESCRIPTION

GS-232 Protection and Retention Mat is a heavy weight, non-woven geotextile composed of recycled fibers designed to retain moisture thereby helping to sustain greenroof plant life. It also serves as a protection layer against garden tools penetrating the root barrier and waterproofing layers.

### APPLICATIONS

GS-232 is a storm water retention layer as well as a protection layer for the root barrier. When insulation is installed in the greenroof, an air layer (AQUADRAIN G20) must be added to maintain the thermal properties of the insulation.

### INSTALLATION

Install GS-232 Protection and Retention Mat over the root barrier or air layer, overlapping all seams and laps a minimum of 4" (100mm). Allow GS-232 to lay flat at perimeters.

### PACKAGING

GS-232 is available in rolls 12' (3.6m) by 60' (18.3 m) 720 sq ft per roll; individually packaged in bags.

### PHYSICAL PROPERTIES

PROPERTY	TEST STANDARD	TYPICAL VALUE
Weight	ASTM D5261	32 oz/yd <sup>2</sup> (758 g/m <sup>2</sup> )
Weight per sq. ft. dry		0.22 lbs. (99.8 g)
Water Retention Capacity		0.18 gal/ft <sup>2</sup> (7.33 l/m <sup>2</sup> )
Weight (Saturated) per sq. ft.		1.72 lbs (780.2 g)

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